

Product Specification

Performance

Type		Solar air conditioner and heat pump
Cooling capacity	[kW]	2,5
Heating capacity	[kW]	3,0
Noise level	[dB(A)]	external 50 internal 0 – 57 (depending on cooling device)

Features

Indoor cooling device	Mono or multi-split - <i>See FIG. A on types</i>
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Technology

Chiller technology	1-stage absorption chiller, LiBr-H ₂ O, air cooled
Refrigerant, chiller	Water
Cooling media, indoor unit	Chilled water
Backup energy supply	Low temperature heating water, >70°C
Solar collector area	[m ²] 5 (2 panels) - <i>See FIG. B on installation</i>

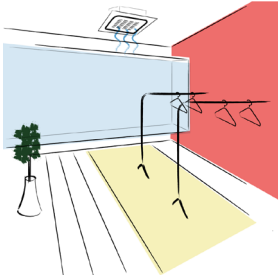
Electrical

Power consumption	[W]	< 150 (230 V AC)
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Dimension & Weight

External chiller unit	[mm]	(WxHxD) 640 x 1350 x 450
	[kg]	75
Solar collector	[mm]	(WxHxD) 1250 x 2120 x 110
	[kg/panel]	36

FIG. A Indoor cooling device types



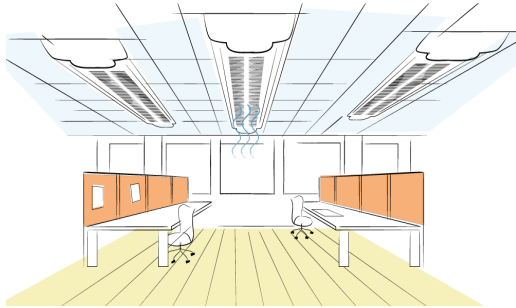
CASSETTE UNIT



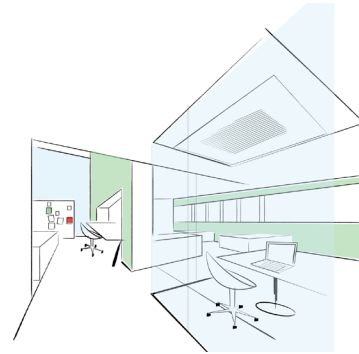
SLIM CONCEALED DUCTED



HIGH WALL MOUNTED

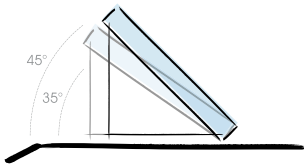


CHILLED BEAMS (passive/active)

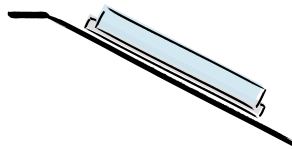


RADIANT CEILING panels

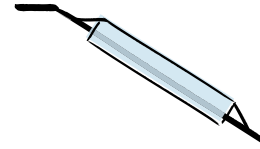
FIG. B Solar collector mounting options



FLAT ROOF/GROUND



ON-ROOF



IN-ROOF

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